

## NATIONAL CYBERSECURITY CENTER OF EXCELLENCE

## **ENERGY PROVIDER COMMUNITY OF INTEREST MEETING - MARCH**

Date 3/8/2016

Time Start-End 2-3 PM

**Attendees** 

**NCCOE** team and roles:

Jim McCarthy (Federal Lead) Don Faatz (NCCoE Lead Architect) Karen Hathaway Viani (NCCoE

Systems Engineer)

Harry Perper (NCCoE Lead Engineer) Johnathan Wiltberger (NCCoE Lead

Engineer)

Julie Steinke (MITRE)

**Community Members:** 

Nadya Bartol (UTC)

Tim Clancy (Arch Street, LLC)

Ron Beck ()

Fred Hintermister (NERC) Deborah Watson (KPMG)

## Agenda

- NCCoE news
- Project updates: Situational Awareness, Identity and Access Management (IdAM)
- Round table on NERC CIP v5 compliance date

## **Discussion**

- NCCoE recently moved to new facility with increased lab and meeting space. We welcome your visits!
- Projects:
  - o IdAM solution:
    - NCCoE: final guide to be released in March, 2016. The draft guide has been downloaded over 3500 times.
    - Important aspect of NCCoE mission is demonstrating feasibility and utility of the reference solution.
      - Interest from a handful of potential early adopters
      - Continuing to seek users of the solution NCCoE can help build business cases for leadership, or work to tailor the solution to your organization.
      - To use the design or view a demonstration of the reference solution, contact us at energy\_nccoe@nist.gov.
    - Discussion: difficult to do continuous monitoring because of SCADA/ bandwidth limitations on network. Make note of the bandwidth used for collecting data and recognize that bandwidth can be limited if shared with the SCADA/OT network.
      - Could find utilities to talk with regarding bandwidth issue
    - Fred: talking to other operators to get additional feedback. Suggested follow on meeting.



- Charles: knowledge of a company that just transitioned to a new IdAM system. Will check with them to see if there is any parallel design info to what we produced.
- Charles: as customers transition from V3 to V5, what are the challenges around monitoring a new system.
- o Situational Awareness solution:
  - Addressing need to capture, transmit, analyze and store real-time or near-real-time data from across the networks in order to more readily detect anomalous conditions.
  - NCCoE assembled an industry team to provide components of the architecture.
    We're working with them now to integrate components in the new lab.
  - Anticipating a draft practice guide release in March to help our stakeholders with the new NERC CIP requirements.
- o George: IdAM and SA could be useful in addressing requirements for other federal regulations (perhaps with nuclear power). Move from concept to execution is a big step; thinks our guides will help.
  - Break down compliance areas into sub areas. Clients will address areas through capital projects over next 24 months to show compliance to auditors.
- o Idea for next EPC meeting deep dive into an NCCoE solution.
- o Round table discussion regarding SysML modeling: NCCoE received feedback that the community is not aware of any use today other than in the nuclear plant designs

Thank you!